

Laser Safety



For

Cells 1B, 3 and 5





Training

Prior to using lasers in Cells 1B, 3 or 5 each employee or user must take the following training courses:

General Safety Training

Laser Safety Training

Area Specific Laser Safety Training

Laser Safety

- ◆ Cells 1B and 3 are equipped with a total of 9 lasers
- ◆ Cells 1B, 3 and 5 have illuminated laser lights above each entrance door.



Laser Safety

When the lights are illuminated one of the lasers in either cell is operational and personnel should not enter without the appropriate laser safety glasses.



Laser Safety

A light display has been installed between the front entrance doors of Cell 1B and 3 and at the Cell 5 entrance.

The light display shows which lasers are operational and which laser safety glasses are appropriate to wear prior to entering.

If after viewing the display, you are unsure of which safety glasses should be worn, contact Steve McGill at 644-5890 or the safety department at 644-6955.



Laser Curtains

Laser safety curtains have been installed at the entrance doors of cells 1B & 3. These curtains should be closed prior to turning on any laser.



Laser Safety

Operational problems should be reported to Steve McGill (644-5890)

Emergencies that require immediate medical attention

1. Dial 911
2. Explain the nature of the emergency, location and extent of the injury or damage, your name, and phone number
3. Call the Safety Department at 4-6955 or 4-0233 (after hours 508-7781 or 322-8730).
4. Deliver First Aid/CPR (if trained) until the emergency medical services arrive
5. If possible, go or send someone to meet the Emergency Medical Services personnel and guide them to the injured person

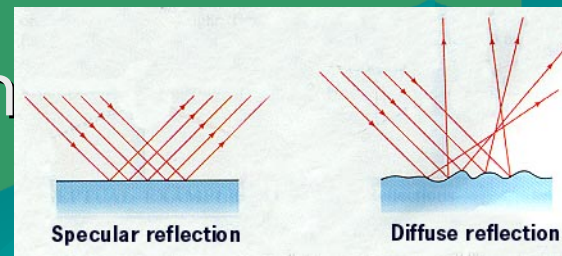
Work Related Injuries That Do Not Require Immediate Medical Attention

Contact Steve McGill (644-5890)

Contact the Safety Department at 4-6944 or 4-0233 (after hours 508-7781 or 322-8730)

Laser Safety

- ◆ Only use laser eye protection specifically labeled for the type of laser used
- ◆ Just because the eyewear is the right color does not mean it will stop the laser
- ◆ Unlike many hazards, the laser beam can pose a hazard at a considerable distance
- ◆ Unlike ionizing radiation, laser radiation is only hazardous when it is on and when you have line-of-sight to the beam
- ◆ Identify and be aware of specular and diffuse reflections
- ◆ Consider unanticipated reflection



One of the most important things to remember about Laser Safety is:

PROTECT YOUR EYES!!!

Only use laser eye protection specifically labeled for the type of laser used

- Appropriate alignment goggles
- Appropriate operational goggles
- Don't rely on color, check the OD of the safety glasses